

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Rickey L. Morgan;	)	
	William J. Caveny; Ronney R. Koch	)	
		)	Art Unit: Unknown
		)	
Serial No.:	unknown	)	
		)	
Filed:	concurrently herewith	)	Examiner: Unknown
		)	
For:	CEMENT COMPOSITIONS WITH	)	
	IMPROVED FLUID LOSS	)	
	CHARACTERISTICS AND METHODS OF	)	
	CEMENTING IN SURFACE AND	)	
	SUBTERRANEAN APPLICATIONS	)	

**INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

**U. S. PATENTS**

U.S. Patent No. 3,132,693 issued May 12, 1964 to Charles F. Weisend.

U.S. Patent No. 4,011,909 issued March 15, 1977 to Sally Lee Adams et al.

U.S. Patent No. 4,015,991 issued April 5, 1977 to Leonard J. Persinski et al.

U.S. Patent No. 4,022,731 issued May 10, 1977 to Joseph Michael Schmitt.

U.S. Patent No. 4,107,057 issued August 15, 1978 to Walter R. Dill et al.

U.S. Patent No. 4,433,731 issued February 28, 1984 to Jiten Chatterji et al.

U.S. Patent No. 4,466,837 issued August 21, 1984 to Jiten Chatterji et al.

U.S. Patent No. 4,515,635 issued May 7, 1985 to S. Prabhakara Rao et al.

U.S. Patent No. 4,554,081 issued November 19, 1985 to John K. Borchardt et al.

U.S. Patent No. 4,555,269 issued November 26, 1985 to S. Prabhakara Rao et al.

U.S. Patent No. 4,557,763 issued December 10, 1985 to Charles George et al.

U.S. Patent No. 4,632,186 issued December 30, 1986 to Virgilio G. Boncan et al.

U.S. Patent No. 4,640,942 issued February 3, 1987 to Lance E. Brothers.

U.S. Patent No. 4,676,317 issued June 30, 1987 to Slaton E. Fry et al.

U.S. Patent No. 4,687,516 issued August 18, 1987 to John F. Burkhalter et al.

U.S. Patent No. 4,700,780 issued October 20, 1987 to Lance E. Brothers.

U.S. Patent No. 4,703,801 issued November 3, 1987 to Slaton E. Fry et al.

U.S. Patent No. 4,742,094 issued May 3, 1988 to Lance E. Brothers et al.

U.S. Patent No. 4,791,989 issued December 20, 1988 to Lance E. Brothers et al.

U.S. Patent No. 4,806,164 issued February 21, 1989 to Lance E. Brothers.

U.S. Patent No. 4,931,489 issued June 5, 1990 to Clare H. Kucera et al.

U.S. Patent No. 5,110,853 issued May 5, 1992 to Nguyen Van-Det et al.

U.S. Patent No. 5,149,370 issued September 22, 1992 to Stein Olaussen et al.

U.S. Patent No. 5,151,131 issued September 29, 1992 to John Burkhalter et al.

U.S. Patent No. 5,340,860 issued August 23, 1994 to Bobby G. Brake et al.

U.S. Patent No. 5,439,057 issued August 8, 1995 to Jimmie D. Weaver et al.

U.S. Patent No. 5,547,506 issued August 20, 1996 to Philip Rae et al.

U.S. Patent No. 5,558,161 issued September 24, 1996 to Sanjay M. Vitthal et al.

U.S. Patent No. 5,680,900 issued October 28, 1997 to Philip D. Nguyen et al.

U.S. Patent No. 5,988,279 issued November 23, 1999 to Rebecca G. Udarbe et al.

U.S. Patent No. 5,996,694 issued December 7, 1999 to Brahmadeo T. Dewprashad et al.

U.S. Patent No. 6,182,758 B1 issued February 6, 2001 to Jan Pieter Vijn.

U.S. Patent No. 6,268,406 B1 issued July 31, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,405,801 B1 issued June 18, 2002, to Jan Pieter Vijn et al.

U.S. Patent No. 6,497,283 B1 issued December 24, 2002 to Larry S. Eoff et al.

U.S. Patent No. 3,359,225 issued December 19, 1967 to Charles F. Weisend.

U.S. Patent No. 4,435,216 issued March 6, 1984 to Manfred Diehl et al.

U.S. Patent No. 4,482,379 issued November 13, 1984 to Benton L. Dibrell et al.

U.S. Patent No. 4,818,288 issued April 4, 1989 to Alois Aignesberger et al.

U.S. Patent No. 4,888,120 issued December 19, 1989 to Heinz Muellet et al.

U.S. Patent No. 5,383,967 issued January 24, 1995 to Raymond S. Chase.

U.S. Patent No. 5,494,513 issued February 27, 1996 to Yan Fu et al.

U.S. Patent No. 5,749,418 issued May 12, 1998 to Sudhir Mehta et al.

U.S. Patent No. 5,968,255 issued October 19, 1999 to Sudhir Mehta et al.

U.S. Patent No. 5,972,103 issued October 26, 1999 to Sudhir Mehta et al.

U.S. Patent No. 6,170,575 B1 issued January 9, 2001 to Baireddy R. Reddy et al.

U.S. Patent No. 6,245,142 B1 issued June 12, 2001 to Baireddy R. Reddy et al.

U.S. Patent No. 6,379,456 B1 issued April 30, 2002 to James F. Heathman et al.

U.S. Patent No. 6,478,869 B2 issued November 12, 2002 to Baireddy R. Reddy et al.

U.S. Patent No. 6,494,951 B1 issued December 17, 2002 to Baireddy R. Reddy et al.

#### **FOREIGN PATENTS**

European Patent Application Number 0 157 055 A2 published October 9, 1985.

European Patent Application Number 0 538 989 A2 published April 28, 1993.

#### **OTHER PUBLICATIONS**

Halliburton brochure entitled "Halad®-9 Fluid-Loss Additive" dated 1999.

Halliburton brochure entitled "Halad®-14 Fluid-Loss Additive" dated 1999.

Halliburton brochure entitled "Halad®-22A Fluid-Loss Additive" dated 1998.

Halliburton brochure entitled "Halad®-23 Fluid-Loss Additive" dated 2000.

Halliburton brochure entitled "Halad®-322 Fluid-Loss Additive" dated 1999.

Halliburton brochure entitled "Halad®-344 Fluid-Loss Additive" dated 1998.

Halliburton brochure entitled "Halad®-413 Fluid-Loss Additive" dated 1998.

Halliburton brochure entitled "Halad®-447 Fluid-Loss Additive" dated 1999.

Halliburton brochure entitled "Halad®-567 Fluid-Loss Additive" dated 2000.

Halliburton brochure entitled "Halad®-600E+ Fluid-Loss Additive" dated 1999.

Halliburton brochure entitled "Halad®-700 Fluid-Loss Additive" dated 2000.

Halliburton brochure entitled "Fluid Loss Additives, Our Case for Halliburton Additives is Water Tight" dated 1994.

SPE 10623 entitled "Acrylamide/Acrylic Acid Copolymers for Cement Fluid Loss" by Lee Frederick McKenzie et al., dated 1982.

Halliburton brochure entitled "HR®-25 Cement Retarder" dated 1999.

Halliburton brochure entitled "Silicalite Cement Additive" dated 1999.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, reading "Craig W. Roddy". The signature is written in a cursive style with a large, stylized "C" and "R".

Craig W. Roddy  
Registration No. 36,256  
Halliburton Energy Services  
P. O. Box 1431  
Duncan, OK 73536-0440  
580-251-3012

<b>FORM PTO-1449</b> (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-010139U1	SERIAL NO. unknown
	APPLICANT Rickey L. Morgan et al.	
	FILING DATE concurrently herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	3,132,693	05/12/64	Weisend	166	33	
	AB	4,011,909	03/15/77	Adams et al.	166	293	
	AC	4,015,991	04/05/77	Persinski et al.	106	90	
	AD	4,022,731	05/10/77	Schmitt	260	29.6 e	
	AE	4,107,057	08/15/78	Dill et al.	252	8.55 C	
	AF	4,433,731	02/28/84	Chatterji et al.	166	293	
	AG	4,466,837	08/21/84	Chatterji et al.	106	85	
	AH	4,515,635	05/07/85	Rao et al.	106	90	
	AI	4,554,081	11/19/85	Borchardt et al.	252	8.5 A	
	AJ	4,555,269	11/26/85	Rao et al.	106	90	
	AK	4,557,763	12/10/85	George et al.	106	90	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	0 157 055 A2	10/09/85	Europe	C04B	24/16	X	
	AM	0,538,989 A2	04/28/93	Europe	E21B	33/13	X	
	AN							
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Halliburton brochure entitled "Halad®-9 Fluid-Loss Additive" dated 1999
	AS	Halliburton brochure entitled "Halad®-14 Fluid-Loss Additive" dated 1999.
	AT	Halliburton brochure entitled "Halad®-22A Fluid-Loss Additive" dated 1998..

EXAMINER

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AA	4,632,186	12/30/86	Boncan et al.	166	293	
	AB	4,640,942	02/03/87	Brothers	523	130	
	AC	4,676,317	06/30/87	Fry et al.	166	293	
	AD	4,687,516	08/18/87	Burkhalter et al.	106	90	
	AE	4,700,780	10/20/87	Brothers	166	293	
	AF	4,703,801	11/03/87	Fry et al.	166	293	
	AG	4,742,094	05/03/88	Brothers et al.	523	130	
	AH	4,791,989	12/20/88	Brothers et al.	166	293	
	AI	4,806,164	02/21/89	Brothers	106	90	
	AJ	4,931,489	06/05/90	Kucera et al.	523	130	
	AK	5,110,853	05/05/92	Van-Det et al.	524	375	

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	AL							
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	AR	Halliburton brochure entitled "Halad®-23 Fluid-Loss Additive" dated 2000.
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	AT	Halliburton brochure entitled "Halad®-344 Fluid-Loss Additive" dated 1998.

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	AA	5,149,370	09/22/92	Olaussen et al.	106	737	
	AB	5,151,131	09/29/92	Burkhalter et al.	106	822	
	AC	5,340,860	08/23/94	Brake et al.	524	166	
	AD	5,439,057	08/08/95	Weaver et al.	166	295	
	AE	5,547,506	08/20/96	Rae et al.	106	730	
	AF	5,558,161	09/24/96	Vitthal et al.	166	280	
	AG	5,680,900	10/28/97	Nguyen et al.	166	295	
	AH	5,988,279	11/23/99	Udarbe et al.	166	293	
	AI	5,996,694	12/07/99	Dewprashad et al.	166	294	
	AJ	6,182,758 B1	02/06/01	Vijn	166	293	
	AK	6,268,406 B1	07/31/01	Chatterji et al.	523	130	

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	AB	6,497,283 B1	12/24/02	Eoff et al.	166	293	
	AC	3,359,225	12/19/67	Weisend	260	29.6	
	AD	4,435,216	03/06/84	Diehl et al.	106	97	
	AE	4,482,379	11/13/84	Dibrell et al.	106	76	
	AF	4,818,288	04/04/89	Aignesberger et al.	106	90	
	AG	4,888,120	12/19/89	Mueller et al.	252	8.551	
	AH	5,383,967	01/24/95	Chase	106	737	
	AI	5,494,513	02/27/96	Fu et al.	106	672	
	AJ	5,749,418	05/12/98	Mehta et al.	166	292	
	AK	5,968,255	10/19/99	Mehta et al.	106	727	

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,972,103	10/26/99	Mehta et al.	106	728	
	AB	6,170,515 B1	01/09/01	Reddy et al.	166	293	
	AC	6,245,142 B1	06/12/01	Reddy et al.	106	724	
	AD	6,379,456 B1	04/30/02	Heathman et al.	106	724	
	AE	6,478,869 B2	11/12/02	Reddy et al.	106	724	
	AF	6,494,951 B1	12/17/02	Reddy et al.	106	705	
	AG						
	AH						
	AI						
	AJ						
	AK						

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